

Electrolytic Polishing to Render Visible the Structure of SOV/32-25-2-30/78  
Welding Seams on Titanium

Preliminary polishing with the "GOI" paste on a felt disc  
is recommended as reducing electrolytic polishing to 10-30  
seconds. There is 1 Soviet reference.

ASSOCIATION: Institut elektrosvarki im. Ye. O. Patona Akademii nauk USSR  
(Institute of Electric Welding imeni Ye. O. Paton of the Academy  
of Sciences, UkrSSR)

Card 2/2

MORAVSKIY, Vladislav Eduardovich. Prinimali uchastiye: SVECHNIKOV, S.V.,  
kand.tekhn.nauk; ROSSOSHINSKIY, A.A., kand.tekhn.nauk. TRET'YAKOV,  
F.Ye., kand.tekhn.nauk, retsenzent; LEYNACHUK, Ye.I., kand.tekhn.  
nauk, red.; ONISHCHENKO, N.P., red.

[Condenser discharge welding of small thickness metals] Kondensa-  
tornaya svarka metallov malykh tolshchin. Moskva, Gos.nauchno-  
tekhn.izd-vo mashinostroit.lit-ry, 1960. 143 p.

(MIRA 13:7)

(Electric welding)

MALEVSKIY, Yuzef Boleslavovich; GRABIN, Vladimir Fedorovich; DAROVSKIY,  
Georgiy Fedos'yevich; PARFESSA, Galina Ivanovna; ROSSOSHINSKIY,  
A.A., kand.tekhn.nauk, retsenzent; MAKAR, A.M., kand.tekhn.nauk,  
red.; RIKBERG, D.B., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn.red.

[Atlas of the micro- and macrostructure of welded joints] Atlas  
makro- i mikrostruktur svarykh soedinenii. Pod red. A.M. Makara.  
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961.  
118 p.

(MIRA 15:2)

(Welding--Testing) (Metallography)

PHASE I BOOK EXPLOITATION

SOV/5564

Rossoshinskiy, Aleksey Anatol'yevich

Metallografiya svarykh shvov (Metallography of Welds) Moscow, Mashgiz, 1961.  
205 p. 6,500 copies printed.

Reviewer: M.N. Gapchenko, Candidate of Technical Sciences; Ed.: N.P. Onishchenko;  
Tech. Ed.: M.S. Gornostaypol'skaya; Chief Ed. (Southern Dept. Mashgiz):  
V.K. Serdyuk, Engineer.

PURPOSE: This book is intended for engineers and technicians engaged in welding.

COVERAGE: Metallographic methods of investigating the structure of electric-arc  
and electroslag welds are described. Theoretical problems of crystallization  
and of structural transformations in welds on low-carbon, low- and medium-alloy  
steels are discussed. Results of the investigation of structures are given to  
verify the theoretical data. Descriptions of the structures are illustrated by  
microphotographs. Information is also included on experiments connected with the  
metallographic investigation of welds on various steels and alloys. No per-  
sonalities are mentioned. There are 89 references: 78 Soviet, 8 English,  
2 German, and 1 Swedish.

Card 1/3

FODGAYETSKIY, Vladimir Vladimirovich; ROSSOSHINSKIY, A.A., kand.  
tekhn. nauk, retsenzent; PELEVIN, N.N., inzh., red.;  
GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Nonmetallic inclusions in welded joints] Nemetallicheskie  
vkliucheniia v svarnykh shvakh. Moskva, Mashgiz, 1962. 83 p.  
(MIRA 15:7)

(Welding--Defects)

S/125/62/000/005/009/010  
D040/D113

1.2360  
AUTHORS: Shestakov, A.I. and Rossoshinskiy, A.A.

TITLE: Pressure welding of rolled Al-Mg alloy bars

PERIODICAL: Avtomaticheskaya svarka, no. 5, 1962, 85-89

TEXT: New techniques for butt welding heavy rolled bars of Al-Mg alloys, 6000 mm<sup>2</sup> and more in cross section, are described. They were developed, under the guidance of Academician of the AS UkrSSR, K.K. Khrenov, by the Institut elektrotekhniki AN USSR (Electrical Engineering Institute, AS UkrSSR) in cooperation with industry. Simple rectangular sections could be welded in 1960, and since then the welding of more complex sections has been mastered. The principle of the process is described and examples of the proper heating temperature for AMg3 (AMg3), AMg5BM (AMg5VM) and AMg6 (AMg6) alloys, specific pressure and upsetting rate, are given. Generally, metal is to be furnace-heated to 20-35°C above the critical Ac<sub>3</sub> point because of heat losses before welding; the surfaces have to be brushed after heating; the bar ends protruding from holding clamps have to be long enough to ensure that the surface area in the joint after

Card 1/2

Pressure welding of rolled....

S/125/62/000/005/009/010  
D040/D113

upsetting is doubled. The metal is heated to plastic state, clamped in special holding clamps, and upset in several reprisals. The clamps have a large gripping surface, hold the metal by friction, and thus do not deform the surfaces. Metal with surface defects and oxide films is squeezed out into the burr. Metallographic investigation of samples taken at different stages of the process reveals diffusion, fine metal structure, and absence of an overheated zone. The structure in the butt joint zone consists mainly of a solid solution of Mg in Al, and a very small  $\beta$ -phase. In tests, the bend angle of metal specimens from the joint is lower than in the base metal, and the impact strength 50% lower, simply because of the anisotropy of Al-Mg alloys. Conclusions: (1) Al-Mg alloy elements can be pressure butt-welded; (2) the quality of welded joints is high; (3) the techniques introduced at some heavy-machinery plants and developed for pressure butt welding elements with a cross section area of up to 10,000 mm<sup>2</sup> are recommended for extensive application. There are 3 figures and 2 tables.

ASSOCIATION: Institut elektrotekhniki AN USSR (Electrical Engineering Institute,  
AS UkrSSR)

SUBMITTED: February 10, 1962

Card 2/2

L 13647-66 EWT(m)/EWP(v)/I/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HM

ACC NR: AP6002586 SOURCE CODE: UR/0286/65/000/023/0081/0081

INVENTOR: Rossoshinskiy, A. A.; Tabelev, V. D.; Lebiga, V. A.

34  
B

ORG: none

TITLE: <sup>(4455)</sup> Method of pressure welding dissimilar metals. Class 49,  
No. 176788 [announced by the Institute of Electric Welding im. Ye. O.  
Paton, AN UkrSSR (Institut elektrosvarki AN UkrSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 81

TOPIC TAGS: welding, metal welding, dissimilar metal welding, pressure  
welding

ABSTRACT: This Author Certificate introduces a method for pressure  
welding dissimilar metals with the use of an insert consisting of  
salt or oxide of a third metal which is reduced during heating. To  
improve weld quality in microparts, the heating, reduction of the third  
metal, and cooling are carried out with hot ionized hydrogen or its  
mixture with inert gases. The weld joint is cooled by the same cold  
mixture.

[AZ]

SUB CODE: 13/ SUBM DATE: 21Dec64/ ATD PRESS: 4/8

Card 1/1 H.W

UDC: 621.791.12

2

TABELEV, V.D., inzh.; ROSSOSHINSKIY, A.A., kand. tekhn. nauk

Welding in the production of semiconductors and micro-modules. Avtom. svar. 17 no.11:13-16 N '64 (MIRA 18:1)

1. Institut elektrosvarki imeni Ye. O. Patona AN UkrSSR.

I. 41053-65 EPA(s)-2/EWP(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) Pf-4 IJP(c)  
ACCESSION NR: AP5005611 S/0125/65/000/002/0018/0020 JD/HM

AUTHOR: Tabelev, V. D. (Engineer); Rossoshinskiy, A. A. (Candidate of  
technical sciences) 25  
24  
B

TITLE: Gold-to-silicon thermo-compression bonding

SOURCE: Avtomaticheskaya svarka, no. 2, 1965, 18-20

TOPIC TAGS: microwelding, thermocompression bonding, gold silicon bonding  
✓ ✓ ✓ ✓

ABSTRACT: The results of an investigation of gold-silicon thermo-compression bondability are reported. Gold and gold-plated silver  $0.45 \times 0.1$ -mm strips were bonded under pressure, at 673K, to silicon  $3 \times 3 \times 0.5$ -mm specimens. The electrode pressure and bonding time were varied. The bondability-threshold curve (bonding time vs. pressure) can be approximated by this formula:  
 $\tau = 1000 P^{-0.65}$ , where  $\tau$  is the bonding time in minutes and  $P$  is the electrode pressure in grams. A plot of the shearing strength vs. bonding time is presented.

Card 1/2

L-41053-65

ACCESSION NR: AP5005611

Orig. art. has: 4 figures, 1 formula, and 2 tables.

ASSOCIATION: Institut elektrosvarki im. Ye. O. Patona AN UkrSSR (Institute of Electric Welding, AN UkrSSR)

SUBMITTED: 14Mar64

ENCL: 00

SUB CODE: EC, MM

NO REF SOV: 003

OTHER: 006

*llc*  
Card 2/2

KASATKIN, B.S.; ROSSOSHINSKIY, A.V.

Local heat treatment of welded joints. Avtom. svar. 10 no.1:  
31-36 Ja-F '57. (MLRA 10:4)

1. Ordona Trudovogo Krasnogo Znameni Institut elektrosvarki im.  
Ye.O. Patona AN USSR.  
(Steel alloys--Welding) (Steel alloys--Heat treatment)

KLEMIN, V. A.; ROSSOSHANSKIY, A. I.

"Automatic and remote control in mines" by V.G.Savasteev. Ugol'  
Ukr. 4 no.9:43 S '60. (MIRA 13:10)  
(Coal mines and mining) (Automatic control)  
(Remote control)

GORBOVITSKIY, S.Ye.; PEREBATOVA, M.A.; KUNITSINA, Z.P.; ROSSOSHNYKH, G.F.

Results of work in the early detection of tuberculosis in children  
in Sverdlovsk and Perm. Sov.zdrav. 18 no.9:21-25 '59. (MIRA 12:11)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta tuberkuleza  
(dir. - prof. I.A. Shaklein). Sverdlovskogo gorodskogo protivotuberku-  
leznogo dispansera (glavnnyy vrach Z.P. Kunitsina) i Permskogo gorod-  
skogo protivotuberkuleznogo dispansera (glavnnyy vrach M.V. Tarasova).  
(TUBERCULOSIS prev. & control.)

L 36203.66 CWI(k)/CWP(m)/T/EWI(v)/EMF(t)/ETI IJP(c) JD/RM  
ACC NR: AP6016481 (N) SOURCE CODE: UR/0021/66/000/005/0615/0618

AUTHOR: Khryenov, K.K.--Khrenov, K.K. (Academician AN UkrSSR);  
Tabelyev, V.D.--Tabelev, V.D.; Rossoshyn'skyy, A.A.--Rossoshinsky, A.A. 61  
A.A.

ORG: Institute of Electric Welding, AN UkrSSR (Instytut elektro-  
zvaryuvannya AN UkrSSR).

TITLE: Pressure microwelding in manufacturing semiconductor devices 16

SOURCE: AN UkrSSR. Dopovid, no. 5, 1966, 615-618

TOPIC TAGS: pressure welding, silicon single crystal, eutectic  
mixture, semiconductor device, lead, silicon semiconductor

ABSTRACT: The results of investigating the welding of metal leads  
with semiconductor silicon crystals are presented. It is assumed  
that the mechanism of joints is affected by the appearance of a  
liquid phase of a eutectic composition and by the increase of surface  
energy of the silicon single crystal. Orig. art. has: 4 figures.  
[Based on authors' abstract] [NT]

SUB CODE: 13/ SUBM DATE: 26Jun65/ ORIG REF: 006/ OTH REF: 003

Card 1/1

ROSSOCHINSKIY, V.I., gorny inzh.

Ventilation of development workings in hydraulic mining. Ugol'  
35 no.2:47-50 F '50. (MIRA 13:5)  
(Hydraulic mining) (Mine ventilation)

ROSSOV, I. E.

37690 naevus epidermohypertrophicus periarticularis. vestnik  
venerologii i dermatologii, 1949, No. 6, s. 49-50

So. Letopis' Zhurnal'nykh Statey, 'ol. 6, 1949

ROSSOV, A.A., Inzh.

Bituminous rubble pavements in the Crimea, Avt. dor. 28 no.2:  
15-16 F '65. (MIRA 18:6)

ROSSOV, V.V.

Tidal variability of hydrological conditions. Okeanologija 1  
no.6:1104-1107 '61. (MIRA 15:1)  
(Oceanography)

L 28507-66 EWT(1) GW	
ACC NR:	AP6014290 (N)
SOURCE CODE: UR/0213/66/006/002/0379/0386	
AUTHORS: Belousov, I. M.; Ivanov, Yu. A.; Pasternak, F. A.; Rass, T. S.; Rossov, V. V.	
ORG: none	
TITLE: Oceanographic investigations of the Soviet-Cuban marine expedition	
SOURCE: Okeanologiya, v. 6, no. 2, 1966, 379-386	
TOPIC TAGS: oceanographic ship, oceanographic expedition, biology, ocean floor topography, ocean property	
ABSTRACT: This paper discusses results of a joint expedition by the Academies of Sciences of the Soviet Union and of Cuba in 1964-65 to study the marine waters about Cuba and in the Gulf of Mexico. The main objective was a study of biological features, particularly from an economic viewpoint. The studies were made on the Soviet ship Academician A. Kovalevskiy. Participating organizations were the Marine Hydrophysical Institute of UkrSSR (under the direction of V. V. Rossov), the Biological Institute of the South Seas, AN UkrSSR, the Institute of Geological Sciences, AN UkrSSR, the Institute of Oceanography, AN SSSR (under the direction of I. M. Belousov), and the Zoological Institute, AN SSSR. The base of the expedition was the Oceanographic Institute of the Cuban Academy of Sciences, A. Nunez Jimenez,	
Card 1/2	

ACC NR: AP6014290

President of the Cuban Academy of Sciences, D. Gitart, Director of the Institute, and S. Gonzalez, Assistant Director, participated and encouraged the work. The routes taken by the ship are shown on a map. Results have led to improvement of bathymetric charts, better understanding of bottom sediments (the Campeche banks contain chiefly organogenic detritus), and refinement in knowledge of the cause and nature of water circulation and currents and of the distribution of most productive biological zones. Details of biological zones are given. Phytoplankton are most abundant in the southern Gulf of Mexico, and the distribution of zooplankton follows practically the same pattern. Zones of strongly, moderately, and weakly ascending water are plotted on a map. A band of most strongly ascending water lies east—west in Florida Strait. Results of the expedition have been reported at two conferences organized by the Cuban Academy of Sciences: February 1965 and July 1965. Orig. art. has: 3 figures and 1 table.

SUB CODE: 08/ SUBM DATE: none

Card 2/2 CC

ROSSOV, I.Ye. (Nizhneudinsk)

Dynamics of sweat-secretion and pigment-formation function of  
the skin following resorption of psoriatic plaques. Vest. derm.  
i.ven. 38 no.10:13-15 (O '64). (MIRA 18:7)

ROSSOV, V.V.

Water circulation in the Gulf of Mexico and the Caribbean Sea.  
Dokl. AN SSSR 166 no.3:705-708 Ja '66.

(MIRA 19:1)

1. Morskoy gidrofizicheskiy institut AN UkrSSR. Submitted  
July 27, 1965.

ROSSOVA, M. M. Cand. Biolog. Sci.

Dissertation: "Data on Hygienic Evaluation of Chromium Plated Pots."  
First Moscow Order of Lenin Medical Inst, 22 Sep 47.

SO: Vechernaya Moskva, Sep, 1947 (Project #17836)

ROSSOVA, M.M.

Hygienic characteristics of heat-treated vegetable oils. Gig. i  
san. 25 no. 12:97-98 D '60. (MIRA 14:2)

1. Iz kafedry gigiyeny pitaniya I Moskovskogo ordena Lenina  
meditsinskogo instituta imeni I.M. Sechenova.  
(OILS AND FATS)

ARUTYUNOV, V.Ya., prof.; VARIN, I.Ye., vrach; GUSAROVA, A.S., kand.med.nauk  
ROZENTUL, L.M., vrach-kosmetolog; ROSSOVA, M.M., kand.biolog.nauk;  
ALEKSANDROV, B.; GOLYAKHOVSKIY, V.Yu., kand.med.nauk

Health hints. Zdorov'e 9 no.4:30-31 Ap'63. (MIRA 16:7)  
(HYGIENE)

ROSSOVA, O.V., assistent

Condition of the mucous membrane of the distal section of the large intestine in dysentery convalescents. Zdrav. Kazakh. 18 no.1:56-59 '58. (MIRA 13:7)

1. Iz kafedry infektsionnykh bolezney Kazakhskogo gosudarstvennogo meditsinskogo instituta. (DYSENTERY) (MUCOUS MEMBRANE)

Lukacs, Ferenc V.  
SURNAME, Given Name

Country: Hungary

Academic Degrees: Dr  
No I Pediatrics Clinic (I. szamú Gyermekklinika) of the Budapest Medical  
Affiliation: University (Budapesti Országos Műszaki Egyetem). Director: professor and academic  
nician Dr Pál GEGESI KISS  
Source: Budapest, ~~Budapesti Országos Műszaki Egyetem~~, No 6, Jun 61, pp 161-168

Data: "About the Congenital Atresia of the Oesophagus."

Co-author:

ROSTA, János, Dr. (Affiliation same as above.)

600-100-03

ROSTAPSHOV, M.F.

Concentration of chlortetracycline in patients with dysentery.  
Antibiotiki 5 no.1:124-125 Ja-F '60. (MIRA 13:7)

1. Kafedra infektsionnykh bolezney (zav. -chlen-korrespondent AMN  
SSSR prof. A.F. Biblibin) II Moskovskogo meditsinskogo instituta  
imeni N.I. Pirogova.  
(CHLORTETRACYCLINE) (DYSENTERY)

ROSTOTSKIY, B.K.; ALESHKIN, Ya.A.; MORDVINOVA, N.P.

Aloe emulsion as a means of preventing and treating skin injuries  
following radiation therapy. Trudy VILAR no. 11:301-309 '59.  
(MIRA 14:2)

(ALOES—THERAPEUTIC USE) (RADIATION—TOXICOLOGY)  
(SKIN—WOUNDS AND INJURIES)

ROSTOTSKIY, B.K.; SHEVELEV, V.A.; BAN'KOVSKIY, A.I.

Methods for obtaining an insecticide preparation from Anabasis.  
Trudy VILAR no. 11:330-350 '59. (MIRA 14:2)  
(ANABASIS (BOTANY)) (ALKALOIDS) (INSECTICIDES)

ROSSOV, V.V.

Some problems in the theory and calculation of tidal currents; movement of a material point under the effect of horizontal components of tides-generating forces, Coriolis force and tidal currents. Okeanologija 4 no.58915-916 '64 (MIRA 18:1)

L 11200-67 E.T.(1) GW  
ACC NR: AR6020069

(N)

SOURCE CODE: UR/0124/66/000/001/B064/B065

AUTHOR: Rossov, V. V.

TITLE: Investigation of ocean currents in a drift

SOURCE: Ref. zh. Mekhanika, Abs. 1B461

REF SOURCE: Sb. Materialy rybokhoz. issled. Sev. basseyna, vyp. 4, Murmansk, 1964,  
99-100

TOPIC TAGS: ocean current, ocean dynamics, shipborne radar, radar rangefinding

ABSTRACT: The proposed method for measuring ocean currents in the sea is based on the use of an industrial buoy with passive radar reflection. A ship lies to in a drift near the buoy and radar is used every hour to determine the distance to the buoy and its true bearings. The ship is moved with respect to the buoy by the action of current and wind drift. A current meter was lowered to the 5-meter level to eliminate the effect of wind drift (the ship draws about 3 m). Current meter readings showed that the ship moves at a rate of 15-28 cm/sec to the right of wind direction at an angle of 25-30° in a wind of 2-4 m/sec with a 2-3 point swell. B. Zalogin. [Translation of abstract]

SUB CODE: 08, /7

Card 1/1 jb

18

ROSSOV, V.V.

Water and heat balance in the Norwegian and Greenland Seas. Okeano-  
logia 1 no.5:944-947 '61.  
(MIRA 15:3)  
(Norwegian Sea--Oceanographic research)  
(Greenland Sea--Oceanographic research)

ROSSOVA, O.V.

Peculiarites in the clinical course of Botkin's disease during the preicteric period. Zdrav.Kazakh. 16 no.9:21-23 '56. (MIRA 10:1)

1. Vos'maya infektsionnaya bol'nitsa (konsul'tant - professor M.A. Brener), Alma-Aty.  
(HEPATITIS, INFECTIOUS)

BOYTSOVA, Ye.P.; MAZINA, Ye.A.; MIKHAYLOV, B.M.; OVECHKIN, N.K.;  
ROSSOVA, S.M., redaktor; GUROVA, O.A., tekhnicheskiiy redaktor.

[Geology of the southwestern region of the Turgay Gates]  
Geologiia iugo-zapadnoi chasti Turgaiskogo progiva. Moskva, Gos.  
nauchno-tekhn. izd-vo lit-ry ip geologii i okhrane nedr, 1955.  
154 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy,  
vol. 5). (MLRA 9:5)

(Turgay Gates--Geology, Stratigraphic)

KAMYSHEVA-YELPAT'YEVSKAYA, Vera Grigor'yevna; NIKOLAYEVA, Vera Pavlovna;  
TROITSKAYA, Yelena Alekseyevna; ROSSOVA, S.M., redaktor izdatel'stva;  
KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Guide to Jurassic ammonites of the Saratov region of the Volga  
Valley] Opredelitel' iurshikh ammonitov Saratovskogo povolzh'ia.  
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr,  
1956. 59 p. (MIRA 9:7)  
(Saratov Province--Ammonoidea)

KAMETSKIY, Stefan Petrovich; ROSSOVA, S.M., redaktor; AVERKIYEVA, T.A.,  
tekhnicheskij redaktor

[Field methods of chemically determining bauxite] Metody polevogo  
khimicheskogo opredelenija boksitov. Moskva, Gos.nauchno-tekhn.  
izd-vo lit-ry po geol. i okhrane nedr, 1957. 17 p. (MLRA 10:8)  
(Bauxite)

ROSSOVA, S.M.

GEKKER, Roman Fedorovich; OSIPOVA, A.I., redaktor; ROSSOVA, S.M., redaktor  
isdatel'stva; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Introduction to paleoecology] Vvedenie v paleoekologiiu. Moskva,  
Gos.nauchno-tekhn.izd-vo lit-t-ry po geol.i okhrane nedr, 1957. 124 p.  
(Paleontology) (Ecology) (MIRA 10:8)

GAVRILOV, A.Ye.; ROSSOVA, S.M., redaktor; POPOV, N.D., tekhnicheskiy  
redaktor.

[Operation of low-capacity electric power stations] Ekspluatatsiia  
elektrostantsii maloi moshchnosti. Moskva, Gos. nauchno-tekhn.  
izd-vo lit-ry po geologii i okhrane nedr, 1954. 14 p.(MLRA 7:11)  
(Electric power plants)

ORLOV, Yu.A., glavnnyy red.; MARKOVSKIY, B.P., zam.glavnogo red.; Ruzhentsev, V.Ye., zam.glavnogo red.; SOKOLOV, B.S., zam. glavnogo red.; PCHELIINTSEV, V.F., otv.red.toma; KOROBKOV, I.A., otv.red.toma; ROSSOVA, S.M., red.; GUROVA, O.A., tekhn.red.

[Fundamentals of paleontology; manual in fifteen volumes for paleontologists and geologists of the U.S.S.R.] Osnovy paleontologii; spravochnik dlja paleontologov i geologov SSSR v piatnadsati tomakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. Vol.4. [Mollusks: Gastropoda] Molliuski - briukhonogie. Otvet.red.V.F.Pchelintsev i I.A.Korobkov. 1960. 359 p. (Gastropoda, Fossil)

GAVRILOV, A.Ye.; ROSSOVA, S.M., redaktor; POPOV, N.D., tekhnicheskiy  
redaktor

[Operation of small capacity hydroelectric power stations]  
Eksploatatsiya elektrostantsii maloi moshchnosti. Moskva, Gos.  
nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1954.  
(MIRA 8:1)  
15 p.  
(Hydroelectric power stations)

URAL'SKIY, B.P.; MERENKOV, B.Ya., redaktor; ROSSOVA, S.M., redaktor;  
POPOV, N.D., tekhnicheskiy redaktor.

[Talc and talcose rock.] Tal'k i tal'kovyi kamen'. Moskva,  
Gos.nauchn.-tekhn.izd-vo lit-ry po geologii i okhrane nedr.  
1954. 18 p.  
(Talc) (Soapstone)

(MLRA 8:3)

ANDREYEVA, Yekaterina; GORDEYEV, D.I., doktor geologo-mineralogicheskikh  
nauk, redaktor; ROSSOVA, S.M., redaktor.

[Riddles of the ages] Vekovye zagadki. Moskva, Gos. nauchno-tekhn.  
izd-vr lit. po geologii i okhrane zemli, 1954. 181 p. (MIRA 8:5)  
(Geography--Curious and mysterious)

YAKOVLEV, S.A., KRASNOV, I.I., redaktor; ROSSOVA, S.M., redaktor; POPOV,  
N.D., tekhnicheskiy redaktor

[Methods guide for the study and geological survey of Quaternary  
deposits] Metodicheskoe rukovodstvo po izucheniiu i geologiche-  
skoi s'emke chetvertichnykh otlozhenii; obshchaya chast'. Moskva,  
Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr,  
1954. 300 p. (MLRA 8:5)

1. Leningrad. Vsesoyuznyy geologicheskiy institut.  
(Geology, Stratigraphic)

METAL'NIKOV, Mikhail Dmitriyevich; SLIVA, P.I., redaktor; ROSSOVA, S.M.,  
redaktor, PEN'KOVA, S.A., tekhnicheskiy redaktor.

[Doctor's advice to geologists] Sovety vracha geologu. Meskva,  
Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1955.  
(MIRA 9:6)  
79 p.  
(First aid in illness and injury) (Hygiene)

*Received, 5/22/*  
DUBROVSKIY, V.V., redaktor; KONYUSHKOV, A.M., redaktor; BELITSKIY, A.S., redaktor; BOGOLYUBOVA, B.P., redaktor; DUBROVSKIY, V.V., redaktor; ZHUKOV, A.I., redaktor; KORPICHNIKOV, A.A., redaktor; KONYUSHOV, A.M., redaktor; KULICHIKHIN, N.I., redaktor; SEMENOV, M.P., redaktor; TURK, V.I., redaktor; TURCHINOV, V.T., redaktor; ROSSOVA, S.M., redaktor; GUROVA, O.A., tekhnicheskiy redaktor.

[Sinking, equipping and operating wells for the rural water supply; proceedings of the conference of May 18-22, 1954] Sooruzhenie, oborudovanie i ekspluatatsiya skvazhin dlya sel'skogo vodosnabzheniya; trudy Soveshchaniya 18-22 maya, 1954.goda. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1955. 220 p. (MLRA 8:11)

1. Soveshchaniye po voprosam sooruzheniya i oborudovaniya burovyykh skvazhin dlya sel'skogo khozyaystva, 1954.  
(Wells) (Water supply, Rural)

VAYSMAN, B.A.; ROSSOVA, T.V.

Chronic hepatitis and general xanthomatosis. Zdrav.Kazakh. 16 no.9:  
23-24 '56. (MLRA 10:1)

1. Iz kafedry gospital'noy terapii (zaveduyushchiy kafedroy - dotsent  
R.A.Satpayeva) i kafedry fakul'tetskoy terapii (zav. kafedroy -  
dotsent Ye. A. Mezenchuk) Kazakhskogo gosudarstvennogo meditsinskogo  
instituta imeni V.M.Molotova.

(LIVER--DISEASES)

ROSSOVSKAYA, M. YA.

PA 234T40

USSR/Medicine - Tuberculosis

Sep/Oct 52

"Changes in the Volume of Erythrocytes in Various Forms of Tuberculosis," M. Ya. Rossovskaya, Chair of Pathophysiol, Chair of Pediatrics, North Osetian State Med Inst

"Pediatriya" No 5, pp 52-55

Describes a modified method of detg the corpuscular vol of erythrocytes. Stresses the diagnostic and prognostic importance of this test in cases of suspected or identified tuberculosis. Points out that the smaller the vol of erythrocytes in tuberculosis the less favorable the outcome.

234T40

V  
ROSSONSKAYA, M. Ya.

Changes of erythrocyte volume in various forms of dysentery. Vopr.  
pediat. 20 no. 3:33-37 May-June 1952. (CML 22:4)

1. Of the Department of Pathophysiology (Head -- Prof. B. M. Brin)  
and the Department of Children's Diseases of North Ossetian Medical  
Institute.

ROSSOVSKAYA, T.L. (DUSHANBE)

"Pachitis disease at altitudes of 1300-1400 and 2900-3600"

Report presented at the Scientific Conference devoted to the problems of physiology and pathology in High Altitudes, Ministry of Health Tadzhik SSR and Medical Institute im. Abdul' Ibn-Sino, held in Dushanbe, October 1962. (Zdravookhraneniye Tadzhikstana, Dushanbe, No. 3, 1963, p. 37-39).

ROSSOVSKAYA, V. S. Cand. Biolog. Sci.

Bacilli

Dissertation: "Contemporary Methods for Separating Typhus and Paratyphoid/ from Water." Inst of General and Communal hygiene, Acad Med Sci USSR, 28 Apr 47.

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)

PA 160T54

ROSSOVSKAYA, V. S.

USSR/Medicine - Microorganisms  
Antibiotics

May/Jun 50

"Methods of Quantitative Analysis of Microbe  
Antagonists in Soil," V. S. Rossovskaya, T. V.  
Gudkova, Cen Sci Res Sanitation Inst imeni Eris-  
man, Moscow, 4 pp

"Mikrobiologiya" Vol XIX, No 3

Authors find existing methods of subject analysis  
insufficiently exact, and evolve method based on  
placing soil sample in nutrient medium and, after  
sufficient time to permit accumulation of anti-  
biotic substance, adding microbes in question.  
Submitted 19 Oct 49.

160T54

ROSSOVSKAYA, V.S.

CHERKINSKIY, S.N.; MATS, L.I.; ROSSOVSKAYA, V.S.; GEL'BERGER, M.S.; DMITRI'YEVA,  
L.V.

Effectiveness of water purification by ultraviolet irradiation at  
an experimental industrial center of the Academy of Municipal Economics.  
Gig. sanit., Moskva no.10:8-14 Oct 1953. (GIML 25:5)

1. Of Scientific-Research Sanitary Institute imeni Brisman.

ROSSOVSKAYA, V.S. kandidat biologicheskikh nauk

Preparation of culture media from hydrolysates of whale meat.  
Lab.delo no.1:17-18 Ja-Fe '55. (MLRA 8:8)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo sanitarnogo  
instituta imeni Erismana.  
(CULTURE MEDIA,  
from hydrolysates of whale meat)

DOLIVO-DOBROVOL'SKIY, L.B., starshiy nauchnyy sotrudnik; ROSSOVSKAYA, V.S.,  
kandidat meditsinskikh nauk

Survival of dysentery bacteria in waters from reservoirs. Gig. i san.  
21 no.6:52-55 Je '56. (MLRA 9:8)

1. Iz Nauchno-issledovatel'skogo sanitarnogo instituta imeni  
Krismana.

(SHIGELIA,

dysenteriae in water supply, survival (Rus))

(WATER SUPPLY, bacteriology,

Shigella dysenteriae, survival (Rus))

HUNGARY/Nuclear Physics - Penetration of Charged and Neutral  
Particles Through Matter.

C-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 5452  
Author : Rossi Bruno  
Inst :  
Title : Properties of Cosmic Ray Penetrating Particles at Sea  
Level  
Orig Pub : Magyar fiz. folyoirat, 1959, 7, No 1, 89-101  
Abstract : Translated from Z. Phys. 1933, 82, 151-178.

Card 1/1

- 36 -

KHOKHLOV, A.S.; SILAYEV, A.B.; STEPANOV, V.M.; YULIKOVA, Ye.P.; TROSHKO, Ye.V.; LEVIN, Ye.D.; MAMIOFE, S.M.; SINITSYNA, Z.T.; CHI CHAN-TSIN [Ch'ih Ch'ang-Ch'ing]; SOLOV'YEVA, N.K.; IL'INSKAYA, S.A.; ROSSOVSKAYA, V.S.; DMITRIYEVA, V.S.; SEMENOV, S.M.; VEYS, R.A.; BEREZINA, Ye.K.; RUBTSOVA, L.K.

A new type of polymyxin, polymyxin M. Antibiotiki 5 no.1:3-9 Ja-F '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov i laboratoriya khimii belka i antibiotikov khimicheskogo fakul'teta Moskovskogo ordena Lenina gosudarstvennogo universiteta imeni M.V. Lomonosova.

(POLYMIXIN)

MATIAS, V.V.; ROSSOVSKIY, L.N.; SHOSTATSKIY, A.N.; KUMSKOVA, N.M.

On the new mineral - magnocolumbite. Dokl. AN SSSR 148 no.2:  
420-423 Ja '63. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo  
syr'ya. Predstavлено академиком D.S. Korzhinskim.  
(Kukhilyal—Minerals) (Magnesium compounds)

ROSSOVSKIY, I.N.; SHVARKOV, S.L.

Influence of depth on the formation of granite-pegmatites.  
Gsel. rud. mestorozh. č no.5;30-39 S-č '64. (MIRA 17/12)

ROSSOVSKIY, L.N.; KLOCHKOVA, G.N.

Find of petalite-microcline pegmatites. Zap.Vses.min.ob-va.  
(MIRA 18:11)  
94 no.5:507-515 '65.

ROSSOVSKIY, L.N.

Pegmatites in magnesite marble from the region of the Kugi-Lyal' precious spinel deposit in the southwestern Pamirs. Trudy Min. muz. no.14:166-181 '63. (MIRA 16:10)

(Pamirs--Pegmatites) (Pamirs--Spinel)

VYSOTSKAYA, O.M., inzh.; ROSSOVSKIY, L.S., inzh.

Fruit preservation in cold storage chambers with various  
systems of refrigeration. Khol. tekhn. 40 no.4:52-55 Jl-Ag '63.  
(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti.  
(Refrigeration and refrigerating machinery)  
(Fruit--Storage)

ALEKSEYEV, P.A., kand.tekhn.nauk; NIKITIN, V.A., kand.sel'skokhoz.nauk;  
ROSSOVSKIY, L.S., inzh.; Prinimali uchastiye: KHOLOPOVA, A.A.;  
VYSOTSKAYA, O.M., starshiy nauchnyy sotrudnik; LEBEDEVA, M.B.,  
starshiy nauchnyy sotrudnik; ZHAROVA, K.F., tekhnik;  
PAVLOVA, N.A., tekhnik

Experimental rail transportation of apricots and grapes.  
Khol.tekh. 39, no.6:46-50 N-D '62. (MIRA 15:12)  
(Refrigerator cars) (Fruit—Transportation)

ALEKSEYEV, P.A., kand.tekhn.nauk; ROSSOVSKIY, L.S., inzh.

Natural weight losses of apricots and grapes during railroad  
transportation in refrigerator cars. Khol.tekh. 40 no.2:38-40  
Mr-Ap '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti.  
(Fruit--Transportation) (Refrigerator cars)

ROSSOVSKIY, Leonid Sergeyevich; KHOLOPOVA, Aleksandra Andreyevna;  
RIUTOV, D.G., kand.tekhn.nauk, nauchnyy red.; TSIPERSON, A.L.,  
red.; SOKOLOVA, N.N., tekhn.red.

[Cold storage of cheeses; a scientific report] Kholodil'noe  
khranenie syrov; nauchnoe soobshchenie. Moskva, Gos.izd-vo torg.  
lit-ry, 1959. 16 p. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti imeni A.I.Mikoyana (VNIKhI) (for Rossovskiy,  
Kholopova).

(Cheese)

ROSSOVSKIY, P.D.

Evaluating the density and moisture content of soils by radiometric  
data. Avt.dor. 27 no.6:6-7 Je '64.

(MIRA 18:4)

S/137/62/000/001/020/237  
A060/A101

AUTHORS: Rossovskiy, S. N., Frenkina, Ts. B., Girdasova, Z. M.

TITLE: Testing of carbonatite pyrochlore ores for their ability to be concentrated

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 8, abstract 1G60  
("Tr. Tsentr. n.-i. gornorazved. in-ta", 1960, no. 39, 35-37)

TEXT: The principal useful component in the samples is Nb, concentrated in the pyrochlore. The  $Nb_2O_5$  concentration is equal to 0.1%. The grain size of the pyrochlore is 0.5 - 0.003 mm. As a method for primary concentrating it is recommended to use roasting of the original ore with subsequent quenching it in water and washing off the finely dispersed slimes of  $Ca(OH)_2$  and  $Mg(OH)_2$  thus formed. The sandy portion remaining after this processing represents a product enriched in  $Nb_2O_5$  and  $P_2O_5$ , which may be subjected to further concentration on a concentrating table by magnetic separation or by flotation, depending on the assay.

A. Shmeleva

[Abstracter's note: Complete translation]

Card 1/1

S/137/61/000/011/039/123  
A060/A101

AUTHORS: Rossovskiy, S. N., Urusova, S. M.

TITLE: Study of the concentration of niobium-zirconium ores from one of the Kazakhstan deposits

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 11, 1961, 8, abstract 11G61 ("Tr. Tsentr. n.-i. gornorazved. in-ta", 1960, no. 39, 38 - 39)

TEXT: The deposit is distinguished by its high content of mineral wealth. The main ore minerals are pyrochlore and zircon. The ore is characterized by a very fine dissemination. The use of gravitational methods of concentrating did not yield positive results. Flotation experiments were carried out with initial raw ore of composition  $\text{Nb}_2\text{O}_5$  0.3% and  $\text{ZrO}_2$  1.5%. Better results were obtained by flotation with oxidized petrolatum. Expenditure was 1 kg/ton. Degree of ore grinding 85% - 0.074 mm. After one cleansing a Zr-Nb concentrate was obtained, containing  $\text{Nb}_2\text{O}_5$  4% and  $\text{ZrO}_2$  39.8%, and after extraction from the original ore -  $\text{Nb}_2\text{O}_5$  60.2% and  $\text{ZrO}_2$  70.2%. The dressing was carried out by the sulfatizing roasting method.

[Abstracter's note: Complete translation]

A. Shmeleva

Card 1/1

ACC NR: AP7004799 (A) SOURCE CODE: UR/0413/67/000/001/0140/0140

INVENTOR: Rakhmanov, N. N.; Atoyan, K. M.; Akopyan, R. A.; Rossoskiy, V. M.

ORG: None

TITLE: A hydraulic spring for a pneumohydraulic elastic element in vehicle suspension systems. Class 63, No. 190223

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 140

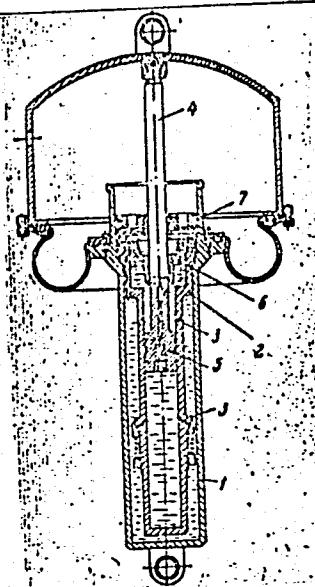
TOPIC TAGS: vehicle suspension system, spring, hydraulic device

ABSTRACT: This Author's Certificate introduces a hydraulic spring for a pneumohydraulic elastic element in a vehicle suspension system. The unit contains a casing which holds a liquid-filled cylinder with radial openings connecting the internal cavity of the cylinder with the cavity between the cylinder and the casing. Located inside the cylinder is a rod with a plunger which divides the cylinder into two working chambers connected by radial and axial passages in the plunger. Mounted in the axial passage is a check valve and on top of the cylinder is a cap with an opening for admission of the rod. In order to achieve optimum characteristics on the compression stroke, the spring is equipped with a floating piston which has an opening for passage of the rod and is mounted in the cylindrical section of the casing. The cavity between the piston and the cap is connected through a channel to the cavity between the cylinder and the casing.

Card 1/2

UDC: 629.11.012.82

ACC NR: AP7004799



1--casing; 2--cylinder; 3--radial openings; 4--rod; 5--check valve; 6--cap; 7--floating piston

SUB CODE: 13, 15 / SUBM DATE: 14Sep64

Card 2/2

IL'INSKAYA, S.A., ROSSOVSKAYA, V.S.

Biological features of Bac. polymyxa Ross. and conditions for the bottom biosynthesis of polymyxin. Antibiotiki 3 no.4:10-13 Jl-Ag '58  
(MIRA 11:10)

1. Otdel novykh antibiotikov (zav. N.K. Solov'yeva) Vsesoyuznogo nauchno-issledovatel'skogo instituta antibiotikov.  
(POLYMYXIN)

Rossovskaya, V.S.

F-3

USSR/Microbiology - Sanitary Microbiology.

Abs Jour : Ref Zhur - Biologiya, No 7, 1957, 26326

Author : Dolivo-Dobrovolskiy, L.B., Rossovskaya, V.S.

Inst :  
Title : The Problem of the Survival of Dysentery Bacteria in  
Reservoir Water.

Orig Pub : Gigiена i sanitaria, 1956, No 6, 52-55

Abst : Dysentery bacteria (Flexner, Sonne and Grigoryev-Shigbacilli) perish in stream water within 30 minutes to 4 days during the warm part of the year. Their death rate is the most rapid in polluted water (bacteria count of 2 million per milliliter, coli-titration 0.0001) in which dysentery bacteriophage has been observed prior to pollution. Creation speeds up the death rate eight times not only in stream water but also in a water-supply pipe poor in organic content.

Card 1/1

KHOMYAKOV, Yu.S.; ROSSOVSKAYA, Z.Ye.

Ectopic chorioepithelioma in a man simulating mediastinal tumor. Khirurgia 35 no.4:123-125 Ap '59. (MIRA 12:8)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. V.A. D'yachenko) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.

(CHORIOCARCINOMA, case reports  
ectopic chorioepithelioma simulating  
mediastinal tumor (Rus))  
(MEDIASTINUM, neoplasms  
simulation by ectopic chorioepithelioma (Rus))

KHOMYAKOV, Yu.S., kand.med.nauk, PICHUGINA, M.N., ROSSOVSKAYA, Z.Ye.

Control of the position of radioactive preparations in radiotherapy  
of cancer of the uterine cervix. [with summary in English]. Akush.  
i gin. 34 no.4:82-84 Jl-Ag '58 (MIRA 11:9)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. I.F. Zhordania)  
i kafedry rentgenologii i radiologii (zav.- prof. V.A. D'yachenko)  
II Moskovskogo meditsinskogo instituta.  
(CERVIX NEOPLASMS, ther.)

x-ray control of intravaginal applications (Rus))  
(RADIUM, ther. use.  
cancer of cervix, x-ray control of intravaginal ap-  
plications (Rus))

SOV/66-59-4-11/28

14(1) .

AUTHORS: Rossovskiy, L., and Kholopova, A., Engineers

TITLE: On Storage Conditions for Cheese in Refrigerated Stores

PERIODICAL: Kholodil'naya tekhnika, 1959, Nr 4, pp 46-48 (USSR)

ABSTRACT: The article deals with experiments conducted by VNIKhI in 1945 and 1957 for the purpose of determining optimum conditions for storing cheese in refrigerated stores. Results of experiments have shown that the quality of hard kinds of ripe cheese is better preserved in sub-zero (Centigrade) temperatures (from -2° to -5°C) than in temperatures above 0°C, reducing drying and shrinkage to a minimum and eliminating periodical treatment if stored at higher temperatures. The relative humidity of the air should be around 85-90%. In the experiments participated N.V. Maradulina and Ye.L. Moiseyeva of VNIKhI.

Card 1/2

On Storage Conditions for Cheese in Refrigerated Stores

SOV/66-59-4-11/28

There are two tables.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti (All-Union Scientific Research Institute of Refrigeration Industry)

Card 2/2

PROSKURNIN, V., inzh.; ROSSOVSKIY, N., inzh.

Preparing milk of clay for making mortars. Na stroi. Mosk. 1 no.11:  
22-24 N '58. (MIRA 11:12)  
(Clay) (Mortar)

ROSSOVSKIY, S.N.; ZELENOV, V.I.

Use of recirculating water in selective flotation. TSvet.met.  
(MIRA 10:10)  
28 no.2:4-7 Mr-Ap '55.

1. Nigrizoloto.  
(Flotation)

S/137/62/000/005/023/150  
A006/A101

AUTHORS: Rossovskiy, S. N., Frenkina, Ts. B., Girdasova, Z. M.

TITLE: Concentration of carbonatite pyrochlorous ores

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 5, 1962, 8-9, abstract 5G49  
("Sb. materialov po gorn. delu, obogashcheniyu i metallurgii. Tsentr.  
n.-i. gornorazved. in-t", 1961, no. 6, 49-54)

TEXT: The basic effective component is Nb, concentrated in pyrochlore. The content of  $Nb_2O_5$  in the initial ore is 0.1%, dissemination is 0.5 - 0.003 mm, basically 0.01 - 0.003 mm. The gravitation methods of concentrating this material did not yield positive results; flotation is made difficult by the presence of great amounts of carbonate and apatite, which are more flotation-active in an alkaline medium than pyrochlore. Reverse flotation is poorly effective. Ore roasting with subsequent extinction in water and washing of lime slurries is an effective operation of initial concentration and makes it possible to obtain sand products with a content and extraction of  $Nb_2O_5$  which are for sample 1 and 2 (in %) 0.48 and 85.4, and 0.74 and 88.5 respectively of the initial ore. Sands of sample no. 2 were subjected to concentration on a table

Card 1/2

Concentration of carbonatite pyrochlorous ores

S/137/62/000/005/023/150  
A006/A101 .

and magnetic separation; subsequently the non-magnetic fraction was floated with Na oleate. As a result crude concentrate was obtained, containing 5.1% Nb<sub>2</sub>O<sub>5</sub> at 50.7% extraction from the ore. Finishing was made by acid processing of the crude concentrate; subsequently pyrochloric acids were obtained with conditional Nb<sub>2</sub>O<sub>5</sub> content (37 - 53.5%).

A. Shmeleva

[Abstracter's note: Complete translation]

Card 2/2

ROSSOWA, Bronislawa

Calculi of the parotid glands. Czas. stomat. 18 no.8/9:  
1109-1114 Ag-S '65.

Submaxillary gland calculi in the material of the Clinic  
of Oral Surgery in Zabrze. Ibid.:1115-1120

Chronic recurrent inflammation of the parotid glands.  
Ibid.:1151-1156

1. Z Kliniki Chirurgii Stomatologicznej Slaskiej AM w  
Zabrze (Kierownik: prof. dr. M. Jankowski).

ROSSOWA, Bronislawa; LIMBURSKA, Krystyna

Differentiation of the diseases of the salivary glands and  
submaxillary lymph nodes. Czas. stomat. 18 no.8/9:1145-1150  
Ag-S '65.

Diseases of the small salivary glands. Ibid.:1157-1160

1. Z Kliniki Chirurgii Stomatologicznej Slaskiej AM w Zabru  
(Kierownik: prof. dr. M. Jankowski).

GUZY, Krystyna; ROSSOWSKI, Franciszek

A case of portal hypertension diagnosed in an infant under 1 year of age after omphalitis. Pediat. pol. 37 no.6:625-629 Je '62.

1. Z I Kliniki Pediatricznej AM we Wrocławiu Kierownik: prof. dr. med. H. Hirschfeldowa i z I Kliniki Chirurgicznej AM we Wrocławiu Kierownik: prof. dr med. K. Czyżewski.  
(HYPERTENSION PORTAL in inf & child) (UMBILICUS dis)

HIEROWSKI, Maria; ROSSOWSKI, Wojciech; WALCZAK, Mieczyslaw

Changes in sodium and potassium values in the erythrocytes and blood serum during the course of experimental scurvy in guinea pigs. Pat. polska 12 no. 2:129-135 '61.

1. Z Zakladu Chemii Fizjologicznej A.M. w Poznaniu Kierownik: prof. dr Z. Stolzmann Z Zakladu Histologii Prawidlowej i Embriologii A.M. w Poznaniu Kierownik: prof. dr T. Kurkiewicz

(SCURVY exper)

(SODIUM blood)

(POTASSIUM blood)

(ERYTHROCYTES metab.)

ROSSUKHOVSKIY, I.M.

New TKKh-9 pump for acids. TSvet. met. 32 no.3:69-71 Mr '59.  
(MIEA 12:5)

(Centrifugal pumps)  
(Electrometallurgy--Equipment and supplies)

ROSSIEVSKI†, G. I.

Dizel'nye elektricheskie stantsii. Dop. . . v kachestve uchebn.  
posobiia dlja energeticheskikh fakul'tetov vuzov i tekhnikumov. Moskva,  
Izd-vo Min. kommun. khozaiistva RSFSR, 1947. 270 p. illus.

Bibliography: p. (266)

Diesel electric power plants.

DLC: TK1075.R6

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library  
of Congress, 1953.

AUTHOR: Rossukhovskiy, I.M. SOV/136-59-3-16/21  
TITLE: The New Acid Pump Type 7KKh-9 (Novyy kislotnyy nasos  
7KKh-9)  
PERIODICAL: Tsvetnyye Metally, 1959, Nr 3, pp 69 - 71 (USSR)  
ABSTRACT: A description is given of a centrifugal acid pump, type 7 KKh-9, designed by Gidromashinostroyeniye, to operate under conditions defined by the "Gipronikel" Institute. The pump is rated at 200 m<sup>3</sup>/h of liquid against a pressure head of 30 m (density 1 200 kg/m<sup>3</sup>) at a normal suction of 2 - 3 m. It is intended for nickel electrolyte but could be used for other liquids which do not corrode the type Khl8N12M3T stainless steel (C < 0.12%, S < 0.8%, Mn < 2.0%, Cr 16-19%, Ni < 11-14%, Mo 2-3.0%, Ti < 0.3-0.6) of which its liquid-affected parts are made. Figure 1 shows the pump and Figures 2 and 3 results of tests on water and nickel electrolyte, respectively (Curves 1 efficiency, 2 power consumption, 3 maximal head as functions of pumping rate in m<sup>3</sup>/hour). To extend the applicability of the pump the author recommends the fabrication of the

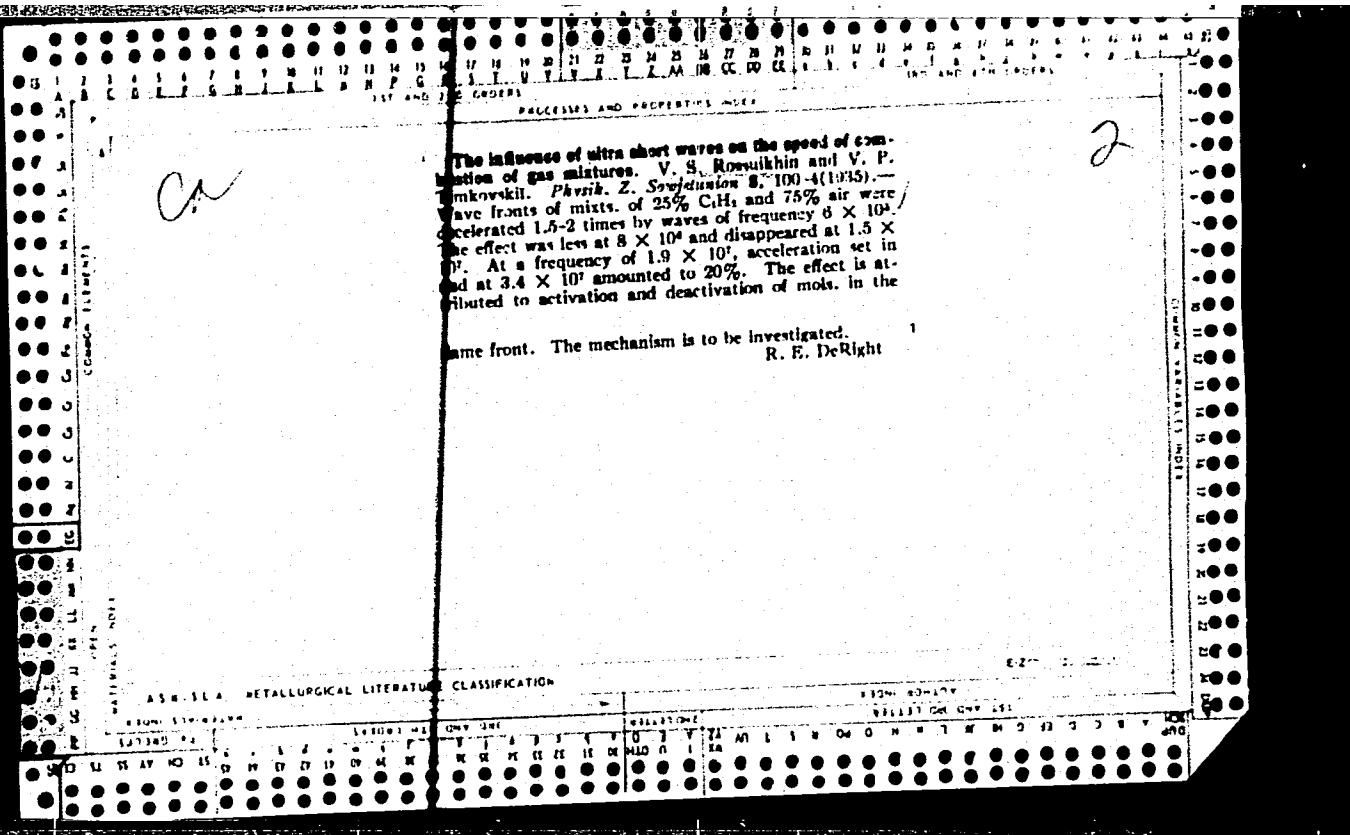
Card1/2

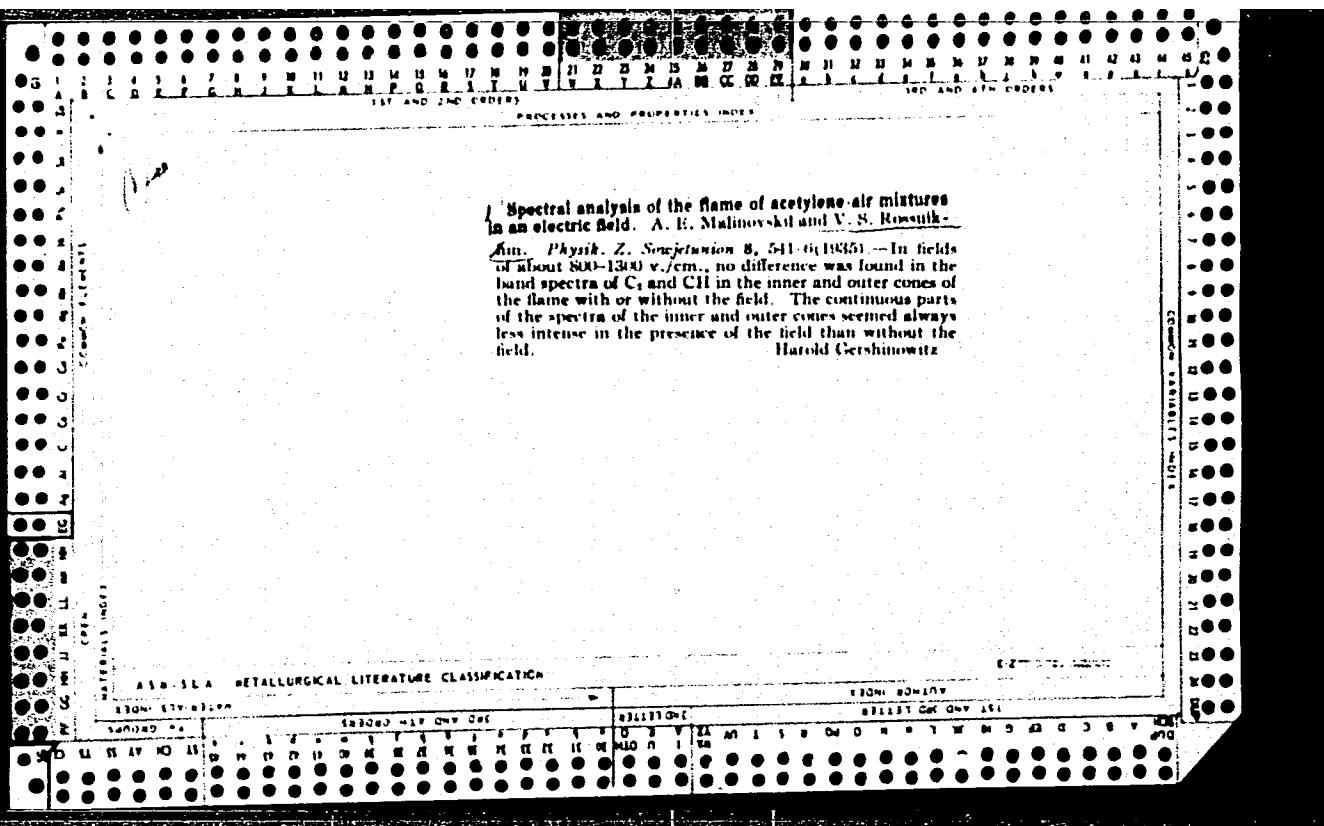
.The New Acid Pump Type 7KKh-9

SOV/136-59-3-16/21

liquid-affected parts of titanium, which tests at the Severonikel' kombinat (Combine) have shown to be satisfactory for liquids which corrode stainless steel. An editorial note deplores delays in the completion of testing of various other pumps designed by the same organisations and due to be manufactured by the Bobruyskiy mashinostroitel'nyy (Bobruysk Engineering) and the Shchelkovskiy nasosnyy (Shchelkov Pump) Works. The Chelyabinsk, Severo-Osetinskiy and Stalino sovnarkozes (Economic Councils) should remedy this situation. There are 3 figures.

Card 2/2





**Influence of an electric field on the absorption spectrum of acetylene flames.** A. B. Malinovskii and V. S. Rouskin. *J. Phys. Z. Naukoveden* 9, 208-70 (1937); cf. "C.A." 30, 2480. — A 25% C<sub>2</sub>H<sub>2</sub>-air mix. was burned between plates across which an elec. field could be established. Photographs of the absorption spectrum of the flame with and without the field were made in the visible and ultraviolet. The absorption spectrum consisted of a weak general absorption, a line absorption, and strong continuous absorption at the end of the ultraviolet region. With the field the absorption of all kinds is diminished. This is attributed to the removal of active centers which are accumulated on the charged particles. A. B. F. D.

AIR-SEA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014454

KOSSOCKI, Z.

Principles of operating radar equipment. (Conclusion) p. 22.

RADIOAMATOR. (Publication for amateur radio operators. Title varies: before 1954,  
Radio Amator. Monthly.) Warszawa, Poland.  
Vol.5, no.6, June 1955.

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1959.

Uncl.

ROSSOCHACKI, Z.

Self-servicing of radio receivers. (To be contd.) p.10.

RADIOAMATOR. (Publication for amateur radio operators. Title varies: before 1954,  
Radio Amator. Monthly.) Warszawa, Poland.  
Vol.5, no.6, June 1955.

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan.1959.

Uncl.

ROSSYKHIN,V.S.

Models for platband and jamb pull bars. Rats. i. izobr. predl.  
v stroi. no.106:12-14 '54. (MLRA 8:10)  
(Windows)

34441  
S/185/61/006/006/023/030  
D299/D304

11.5100

AUTHORS: Lyutyy, A.I., Nesterko, N.A., Rossykhin, V.S., and Tsykora, I.L.

TITLE: Cases of deviation from the thermodynamic equilibrium in the outer cone of a flame

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 6, no. 6, 1961  
851 - 852

TEXT: On adding various substances to a flame, the authors observed effects related to the absence of thermodynamic equilibrium. Thus, on introducing vapors of metallic magnesium directly into the outer cone of an acetylene-air flame and in a hydrogen-air flame, a small zone appeared (visible with the naked eye) at the spot where the metal vapor met the outer cone of the flame. The spectrum of the zone differs greatly from the spectrum of the rest of the cone. The zone spectrum has a band, contributed by the MgH molecule, as well as a line of the Mg atom. If Cs vapor is also introduced into the zone, the Cs lines  $\lambda = 4555$  and  $4593 \text{ \AA}$ , become much stronger. Spectral investigations by T.M. Sugden and E.M. Bulewicz (Ref. Card 1/3) X

Cases of deviation from the ...

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1: Trans. Farad. Soc., 55, No. 5, 720, 1959) showed that the MgH band does not appear in the spectrum of the outer cone if powdered Mg is introduced. In the experiments conducted by the authors, the conditions for the formation of MgH were more favorable (a large number of atoms, comparatively low temperatures -- of the order of 1000°K). Under these conditions, MgH molecules could be formed by 3 different reactions. An analysis of these reactions shows the absence of thermodynamic equilibrium in the observed zone. If CCl<sub>4</sub> vapor is introduced into the flame together with the air current, then a decrease in the intensity of the lines of the Ca, Sr, Li, Ba, Na, K, Rb and Cs-atoms, is observed. A table shows the values of the electrical conductivity of the flame before and after the introduction of CCl<sub>4</sub>; on introducing CCl<sub>4</sub>, the electrical conductivity behaves in a different way -- for some elements it increases, whereas for others it decreases (or remains unchanged). In the case of Sr, the decrease in electrical conductivity is accompanied by a decrease in the intensity of the ionic Sr-line, whereas an increase in the intensity of the ionic Ba-line is accompanied by a slight increase in conductivity. Hence the presence of CCl<sub>4</sub> in the flame

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Cases of deviation from the ...

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not only disturbs the dissociation equilibrium, but may also lead to deviations from the ionization equilibrium. There are 1 figure, 1 table and 2 non-Soviet-bloc references; (including 1 translation). The reference to the English-language publication reads as follows: E.M. Bulewicz, T.M. Sugden, Trans. Farad. Soc., 55, no. 5, 720, 1959.

ASSOCIATION: Dnipropetrovskyy derzhavnyy universytet im. 300-lichya vozz'yednannya Ukrayiny z Rosiyeyu (Dnipropetrov'sk State University im. 300-th Anniversary of the Ukraine's Union with Russia)

Card 3/3

X

ROSSZUL, M.

"The use of the parachute" (To be contd.) p. 16, (REPULES Vol. 6, No.1, Jan. 1953,  
Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No.11, Nov. 1953, Uncr.

ACC NR: AP6017958

SOURCE CODE: UR/0413/66/000/010/0026/0026

INVENTOR: Nikolai, Manfred; Unger, Zigfrid; Rost, Kherbert; Naundorf, Verner

ORG: None

TITLE: A method for producing active aluminum oxide. Class 12, No. 181628

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 26

TOPIC TAGS: aluminum oxide, nitric acid, nitrate

ABSTRACT: This Author's Certificate introduces a method for producing active aluminum oxide and carriers for catalysts by using nitric acid for double decomposition of a sodium aluminate solution. In order to produce aluminum oxide and carriers based on this compound with the most effective structure, the process is carried out under conditions (temperature, pH of the medium, aluminate and acid concentration) which give a nitrate concentration of 10-30% of the aluminum oxide in the precipitate after washing and drying at a temperature of 100-150°C.

SUB CODE: 07/ SUBM DATE: 15Jun60

UDC; 66.097.5

Card 1/1